



Peter Ward, MD

APC Senior Fellow Since: 2017

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EDUCATION

Undergraduate Degree: BS Degree, Literature, Science, & Arts, University of Michigan (1954-1958). **Graduate/Professional Degree:** MD Degree, Medicine, University of Michigan Medical School (1955-1960). **Postgraduate Education:** Internship, Internal Medicine, Bellevue Hospital, New York University, New York, NY (1960-1961); Residency, Anatomic Pathology, University of Michigan, Ann Arbor, MI (1961-1963); Postdoctoral Fellow, Immunopathology, Scripps Clinic and Research Foundation, La Jolla, CA (1963-1965). **Board Certification:** Anatomic Pathology, American Board of Pathology (Oct. 1964-Present);

Immunopathology, American Board of Pathology (Dec. 1983- Dec. 2005).

SERVICE

Service as Pathology Chair: University of Connecticut Health Center, Chair of Pathology, Farmington, CT (1973-1980); University of Michigan Medical Center, Chair of Pathology, Ann Arbor, MI (1980-2005). **Leadership Roles Before, During, and After Service as Chair:** Interim Dean, University of Michigan School of Medicine (1982-1985). **Other Academic Positions After Service as Chair:** Captain, Medical Corps, US Army, Armed Forces Institute of Pathology (AFIP) Walter Reed Army Hospital (1965-1967); Civil Service, Research Lab P.I., AFIP, Walter Reed Army Hospital (1967-1970); Stobbe Professor of Pathology, University of Michigan Medical School (2005-2019); Stobbe Professor, Active Emeritus of Pathology, University of Michigan Medical School (2020-Present).

AREAS OF PROFESSIONAL INTEREST

Research: Research related to the role of complement in sepsis; Research in the factors involved in acute inflammation, factors affecting the innate immune system, histones released from neutrophils and the role of histones in inflammatory response. **Clinical:** Surgical pathology and mechanisms of cell and organ injury, and the role of complement in these responses, especially in lungs. **Educational:** Invited speaker, session chair, co-chair with presentations and seminars at numerous international, national and institutional meetings and conferences. **Mentoring:** Mentored numerous faculty, medical students, postdoctoral fellows, graduate and undergraduate students over a 45-year period at the University of Michigan Medical School; Serve on multiple journal editorial boards and review an extensive number of submitted scientific journal articles, approximately 10 per month; Reviewer of numerous national and international grant applications. **Current Interests:** The role of complement and histones in the development of sepsis, and how such events can be blocked.

ACHIEVEMENTS

Honors and Awards: *International:* Maria T. Bonazinga Award for Excellence in Leukocyte Biology Research, Society of Leukocyte Biology (2009); Honorary Lifetime Member Award in the Society of

Leukocyte Biology (2014). *National:* Army Research and Development Achievement Award (1969); Department of the Army Meritorious Civilian Service Award (1970); Parke-Davis Award, The American Society for Experimental Pathology (1971); Recipient, Merit Award for grant "Lung Injury by Oxygen Metabolites", by the National Institutes of Health, Bethesda, MD (1990-1997); Elected to the Institute of Medicine (1990-Present); Rous-Whipple Award, American Society for Investigative Pathology (1996); Fellow, American Association for the Advancement of Science (1999); Gold-Headed Cane Award, American Society for Investigative Pathology (2001); Lifetime National Associate of the National Academies of Science (2001); Fellow, American Heart Association (2002); J. Burns Amberson Lecturer, American Thoracic Society (2003); Distinguished Service Award, Association of Pathology Chairs (2004); Chugai Award for Meritorious Mentoring and Scholarship, American Society for Investigative Pathology, Experimental Biology (2005); SHOCK Society Scientific Achievement Award (2005); Senior Fellow, Association of Pathology Chairs, in recognition of long term contributions as Chair and in leadership in APC (2005); Distinguished Service Award, Federation of American Societies for Experimental Biology (FASEB) (2006). *Regional:* Michigan State Medical Society National President Award in recognition of leadership as President, United States and Canadian Academy of Pathology (1992). *Institutional:* Borden Research Award, University of Michigan Medical School (1960); First Godfrey D. Stobbe Professor of Pathology, The University of Michigan Medical School (1987-Present); The University of Michigan Biomedical Research Council Distinguished Faculty Lecture (1989); Distinguished Achievement Award from the University of Michigan Medical Center Alumni Society (2006); Establishment of the Peter A. Ward Endowed Professorship of Pathology at the University of Michigan Medical School (2008). **Professional Achievements of Which You are Most Proud:** Complement C5a research leading to the first FDA-approved antibody for respiratory infections and sepsis, especially in elderly sepsis patients; Continuous years of productive research, resulting in over 700 peer-reviewed publications and 6 patents.

OUTSIDE INTERESTS

Hobbies: Reports on events related the World War II that eventually allowed the allies to prevail and bring an end to the war. **Volunteer Activities:** Member of advisory group that selects new members for the National Academy of Medicine.